



### AMENDMENTS TO THE CLAIMS

Claims 1-8 (Canceled)

9. (Currently amended): The method of claim ~~8~~14, wherein said act of accessing comprises: accessing a vendor database table containing product data for a product.

10. (Currently amended): The method of claim ~~8~~14, wherein said act of accessing comprises: accessing a plurality of tables following a relational schema.

11. (Currently amended): The method of claim ~~8~~14, wherein said act of receiving comprises: receiving user preferences regarding construction of said frame based knowledge tree via a user interface.

Claim 12 (Canceled)

13. (Currently amended): The method of claim ~~12~~14, further comprising: identifying at least one user-specified attribute to be inducted into said knowledge tree; and querying said data for at least one unique attribute value associated with said user-specified attribute.

14. (Currently amended): ~~The method of claim 12, further comprising:~~A data processing method, the method comprising: accessing data from a database; receiving input from a user regarding said data; automatically constructing a frame based knowledge tree from said data in response to said act of receiving; and

determining there are no user-specified attributes; querying said data for all remaining attributes yet to be inducted into said knowledge tree; determining whether the quantity of said remaining attributes exceeds a predetermined number;and

inducting said remaining attributes based on whether said quantity exceeds said predetermined number;

wherein said act of constructing comprises: identifying at least one product attribute in said data; identifying at least one unique attribute value associated with said at least one product attribute; and creating a new node of said knowledge tree for each unique attribute value identified.

15. (Original): The method of claim 14, further comprising: determining said quantity of remaining attributes does not exceed said predetermined number; and adding a new compound slot to said frame based knowledge tree including at least two of said remaining attributes.

16. (Original): The method of claim 14, further comprising: determining said quantity of remaining attributes does exceed said predetermined number; and processing said remaining attributes using at least one of domain knowledge and distinct attribute values count.

Claims 17-22 (Canceled)